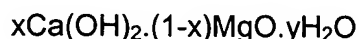


**CLAIMS**

1. Calco-magnesian aqueous suspension having particles of solid matter with, before being put in suspension, a specific surface area, calculated according to the BET method, which is less than or  
5 equal to 10 m<sup>2</sup>/g.

2. Suspension according to Claim 1, in which the said particles have a specific surface area calculated according to the BET method which is less than or equal to 8 m<sup>2</sup>/g, preferably less than or equal to 5 m<sup>2</sup>/g.

10 3. Suspension according to one of Claims 1 and 2, in which the particles of solid matter comply with the formula:



where

$0 < x \leq 1$ , and

15  $y \leq (1-x)$ ,

x and y being molar fractions.

4. Suspension according to any one of Claims 1 to 3, characterised in that it has a dynamic viscosity less than or equal to 1.2 Pa.s, preferably less than or equal to 1.0 Pa.s.

20 5. Suspension according to any one of Claims 1 to 4, characterised in that it has a solid matter content greater than 25%, advantageously greater than 40%.

6. Suspension according to any one of Claims 1 to 5, characterised in that it has a d<sub>98</sub> granulometric dimension of less than 20  
25 microns, preferably equal to or less than 5 microns.

7. Method of preparing a calco-magnesian aqueous suspension according to any one of Claims 1 to 6, characterised in that it comprises a putting into suspension in an aqueous medium of a calco-magnesian solid matter having particles with a specific surface area,  
30 calculated according to the BET method, which is less than or equal to 10 m<sup>2</sup>/g.